

Biological Activity and Quality Control of Extract and Stem Bark From *Stryphnodendron adstringens*

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SUMMARY. The antibacterial and hypotensive activities of an acetone:water and semipurified extracts from the stem bark of *Stryphnodendron adstringens* were evaluated. Both the crude and semipurified extracts showed activity against *Pseudomonas aeruginosa* and *Staphylococcus aureus*. It wasn't possible to confirm the hypotensive activity. Quality control was determined, using the vegetable drug for two years, by means of pharmacopoeial and chromatographic methods.

RESUMEN. "Actividad Biológica y Control de Calidad de Extracto del Tallo de *Stryphnodendron adstringens*". Fueron evaluadas las actividades antibacteriana e hipotensora del extracto acetona:agua y de extractos semipurificados del tallo de *Stryphnodendron adstringens*. El extracto crudo y los extractos semipurificados mostraron actividad contra *Pseudomonas aeruginosa* y *Staphylococcus aureus*. Sin embargo no fue posible confirmar la actividad hipotensora de los extractos de *Stryphnodendron adstringens*. El control de calidad fue determinado con la droga vegetal colectada por dos años, a través de ensayos farmacopeicos y cromatográficos.

KEYWORDS: Antibacterial activity, "Barbatimão", Hypotensive activity, Quality control, *Stryphnodendron adstringens*.

PALABRAS CLAVE: Actividad antibacteriana; Actividad hipotensiva; Barbatimão; Control de calidad; *Stryphnodendron adstringens*.

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